

ANALYST:		VPDES NO	
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Parameter: Total Residual Chlorine
Method: DPD Colorimetric (HACH DR-100)
04/02

METHOD OF ANALYSIS:

X	MANUFACTURER'S INSTRUCTIONS (HACH METHOD 8167)
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		Y	N
1)	Is the meter needle aligned with the left side arrow of the meter when the meter is off? [Mfr.]		
2)	Is the low battery indicator light off? [Mfr.]		
3)	Has buffering capability of DPD pillows been checked annually? (Pillows should adjust sample pH to between 6 and 7) [Permit]		
4)	When pH adjustment is required, is H ₂ SO ₄ or NaOH used? [11.3.1]		
5)	Are the DPD Powder Pillows stored in a cool, dry dark place? [Mfr.]		
6)	Is the DPD Total Chlorine Reagent Powder Pillow mixed into the sample? [11.1]		
7)	Is the analysis made at least three minutes but not more than six minutes after Powder Pillow addition? [11.2]		
8)	Is the meter needle aligned with the left side arrow (when on) correctly? [Mfr.]		
9)	Is the blank zeroed correctly? [Mfr.]		
10)	Is the sample value read correctly (correct scale and to closest hash mark)? [Mfr.]		
11)	Is light shield lowered when the meter is zeroed and when the sample is analyzed? [Mfr.]		
12)	Are cells clean and in good condition? [Permit]		
13)	Are appropriate (off scale) samples diluted correctly? [12.0]		
14)	Is a Quality Control Sample (i.e. Spec-V, alternate source standard) analyzed quarterly? [9.2.3]		
15)	Is the 2.5 cm cuvette used for dechlorinated samples? [Table 1]		

PROBLEMS: